HYUNDAI Technical Service Bulletin

Group	CAMPAIGN
Number	10-01-005
Date	JANUARY, 2010
Model	**2007 ACCENT (MC)**

Subject

2007MY ACCENT (MC) ECM UPDATE - CAMPAIGN T72

CIRCULATE TO:	**[ ]** GENERAL MANAGER	**[X]** PARTS MANAGER	**[X]** TECHNICIAN
[X] SERVICE ADVISOR	**[X]** SERVICE MANAGER	**[X]** WARRANTY MGR	**[ ]** SALES MANAGER

NOTE: ***This bulletin supersedes TSB 08-01-030 for campaign T72 to update it to use a more recent GDS data of Event #179.***

IMPORTANT: DEALERS MUST PERFORM THIS CAMPAIGN ON ALL AFFECTED VEHICLES WHENEVER AN AFFECTED VEHICLE IS IN THE SHOP FOR ANY MAINTENANCE OR REPAIR.

IMPORTANT: WHEN A VEHICLE ARRIVES AT THE SERVICE DEPARTMENT, ACCESS HYUNDAI MOTOR AMERICA'S "WARRANTY VEHICLE INFORMATION" SCREEN VIA DCS ON-LINE/WEBDCS TO IDENTIFY OPEN CAMPAIGNS.

DESCRIPTION:

This bulletin provides the procedure to update the Engine software of 2007 ACCENT (MC) 1.6L vehicles to prevent various check engine light incidents.

APPLICABLE VEHICLES:

Model: 2007 ACCENT (MC) vehicles with 1.6L gasoline engines

Applicable vehicle production date range:

- April 7, 2006 to June 15, 2007

VIN Range:

- KMHCM36C17U000303 ~ KMHCN46C87U166577

NOTE: To verify the vehicle is affected, be sure to check the version of the vehicle's control unit ROM ID with reference to the ROM ID Information Table mentioned below before attempting to update the control unit software.

ROM ID INFORMATION TABLE:

Model Year	Trans	ECM P/N	ROM ID	
			Previous	New
2007	M/T	39111-26BE0	GMC-7N6CES0-5000 GMC-7N6CES1-5000 GMC-7N6CES2-5000 GMC-7N6CES3-5000 GMC-7N6CES4-5000 GMC-7N6CESA-5000 GMC-7N6CES5-5000 GMC-7N6CES6-5000 GMC-7N6CES7-5000 GMC-7N6CES8-5000	GMC-7N6CES9-5000
	A/T	39111-26BE5	GMC-7N6CPS0-A000 GMC-7N6CPS1-A000 GMC-7N6CPS2-A000 GMC-7N6CPS3-A000 GMC-7N6CPS4-A000 GMC-7N6CPSA-A000 GMC-7N6CPS5-A000 GMC-7N6CPS6-A000 GMC-7N6CPS7-A000 GMC-7N6CPS8-A000	GMC-7N6CPS9-A000

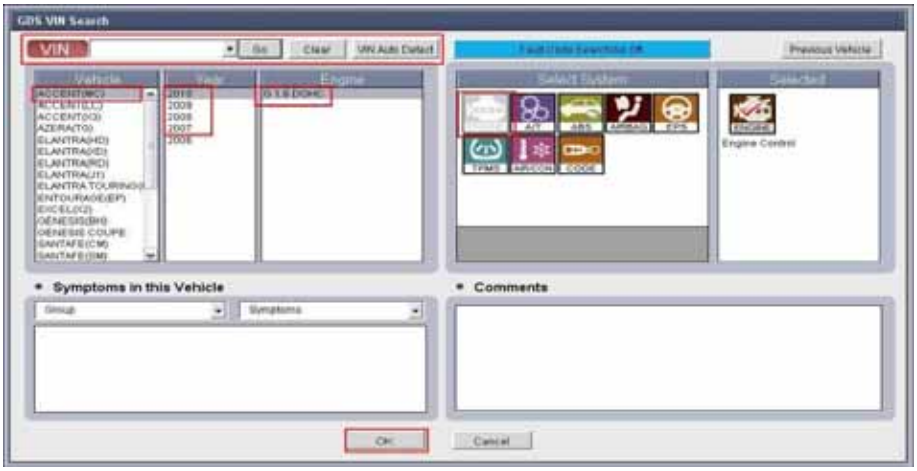
GDS SYSTEM AND ECM UPDATE PRECAUTIONS:

CAUTION: Please ensure the following items for the ECM update:

- Make sure the vehicle's battery has reasonable charge. If the vehicle has been in storage for days, run the engine to ensure an adequate battery charge state for reliable update results. The ECM Update procedure contains a check to ensure that battery voltage is above 12 volts to allow the procedure to occur.
- The USB cable must be used for ECM Update between the GDS and VCI the procedure will not work in VCI wireless mode.
- Make sure the GDS laptop battery indicator in the lower right tray icon has 20% or more charge remaining. Charge the laptop battery with the AC adaptor cable if lower.
- Turn off all lamps (do not leave head lamp switch in auto mode) and all accessories (including heater, A/C, blower, radio, seat warmer, defroster, etc.) to prevent battery discharge during the update.
- Perform update with the ignition switch in the ON position.
- Be careful not to disconnect any cables connected to the vehicle or scan tool during the update.
- Do not start the engine during update.
- Do not turn off the ignition switch during update.
- Make sure that the latest internet download has been performed to GDS.

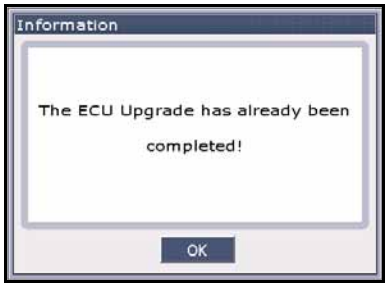
GDS AUTOMATIC UPDATE PROCEDURE: (EVENT #179)

1. Choose **VIN or ECU Upgrade** on the initial screen.
2. Enter the vehicle information by pressing the **VIN Auto Detect** button, entering the vehicle's VIN or selecting the vehicle model, **model year**, engine/fuel type and **ENGINE** as the system and then click **OK.**



3. Select **ECU Upgrade** on the initial screen after entering the vehicle information.
4. Select **Auto Mode** then **ENGINE** in the left **ECU Upgrade** column.
5. Read Preparation and click **OK**.
6. The GDS will read the vehicle's ROM ID.

NOTE: If the following error message appears during ROM ID read it means Event #179 had already been completed so this TSB does not apply for ECM Update.



7. After the **Current ROM ID** is displayed, select the **Update Event #179.**
8. After clicking the **Upgrade button,** read Information then click **OK.**

9. The vehicle battery voltage is checked to make sure it is at least 12 volts to ensure reliable update results. Click **OK** if the results indicate **Voltage is OK.**

NOTE: If voltage is below 12 volts, click Cancel and then run the engine at idle at least 10 minutes to ensure an adequate battery charge state for reliable update results.

10. Update will begin and the progress of the update will appear on the bar graph.

11. Updating will occur until 100% is reached on the bar graph. Turn the ignition key OFF for 10 seconds, place it back in the ON position and then click **OK** to continue according to **Information** displayed on the screen.

12. Click **OK** on the final screen, which indicates update is complete.

13. Check if any incidental Diagnostic Trouble Codes (DTC) have been created by the update and clear the DTC (s) present.

14. Start the engine to confirm proper operation of the vehicle.

2.0 - GDS MANUAL UPDATE PROCEDURE: (EVENT #179) -

NOTE: Manual Mode is intended to be used only if Event #179 Auto Mode Update had failed after the progress bar began during the update.

IMPORTANT:

- **Pull out the ECM fuse from the engine compartment junction box or disconnect the battery negative cable to reset the control unit before performing manual update.**
- **If ECM Update still does not succeed then disconnect the ECM connectors for 10 minutes and retry the ECM Update.**

1. Turn the ignition key back to the ON position.

2. Within the **ECU Upgrade** screen, select **Manual Mode** in the left column, then select **Update Event #179.** Select the appropriate control unit part number with reference to the ROM ID Information Table and click **OK**.

NOTE: Do not select IMMO part numbers as vehicles in USA do not have immobilizer.

3. Enter the appropriate **Event #179 password** from the table below and then click **OK**.

MY	MENU	PASSWORD
2007	MC MT : 39111-26BE0 -07MY	**1260**
	MC AT : 39111-26BE5 -07MY	**1265**

4. The vehicle battery voltage is checked to make sure it is at least 12 volts to ensure reliable update results. Click **OK** if the results indicate **Voltage is OK**.

NOTE: If voltage is below 12 volts, click Cancel and then run the engine to ensure an adequate battery charge state for reliable update results.

5. Update will begin and the progress of the update will appear on the bar graph.

6. Updating will occur until 100% is reached on the bar graph. Turn the ignition key OFF for 10 seconds, place it back in the ON position and then click **OK** to continue according to **Information** displayed on the screen.

7. Click **OK** on the final screen, which indicates update is complete.

8. Check if any incidental Diagnostic Trouble Codes (DTC) have been created by the update and clear the DTC (s) present.

9. Start the engine to confirm proper operation of the vehicle.

WARRANTY INFORMATION TABLE:

MODEL YEAR	OP CODE	OP NAME	OP TIME
2007	80B041R0	ECM UPGRADE	0.2M/H

NOTE: Submit claim in the Campaign Claim Entry Scrren.